## **UTILITY PATENT** APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Check Box, if applicable [ ] Duplicate

Attorney Docket No. 031279

First Named Inventor or Application Identifier

Yasuhiko YOKOI, Mikio HOUJOU, Hiroshi YAMAMOTO and Daisuke ETOU

Express Mail Label No.

APPLICATION ELEMENTS For: STORAGE APPARATUS

ADDRESS TO:

Commissioner for Patents

MAIL STOP PATENT APPLICATIONS

**Total Pages** 

P.O. Box 1450

| 14                                                                                                                                                                                                                                                    |                                                        | Alexandria, VA 22313-1450                                                        | 0       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------|---------|
| 1. [XX] Fee Transmittal Form (Incorporated                                                                                                                                                                                                            | d within this forn                                     | 1)(The filing fee is deferred).                                                  | U.S. P  |
| 2. [XX] Specification                                                                                                                                                                                                                                 | Total Pages [75]                                       | •                                                                                | 22388 ( |
| 3. [XX] Drawing(s) (35 USC 113)                                                                                                                                                                                                                       | Total Sheets [44]                                      |                                                                                  | 223     |
| NOT attached; deferred under I  a. [ ] Newly executed (original)  b. [ ] Copy from prior application (33 (for continuation/divisional wit  i. [ ] Deletion of Inventor(s)  Signed statement attached deferred under I  a. [ ] Deletion of Inventor(s) | 7 CFR 1.63(d) h Box 17 comple                          | eted).  (s) named in prior application,                                          |         |
|                                                                                                                                                                                                                                                       | e if box 4b is che application, from red as being part | which a copy of the oath or declaration is of the disclosure of the accompanying |         |
| 6. [ ] Microfiche Computer Program (App                                                                                                                                                                                                               | pendix)                                                |                                                                                  |         |
| 7. [ ] Nucleotide and/or Amino Acid Sequ                                                                                                                                                                                                              | uence Submission                                       | n (if applicable, all necessary)                                                 |         |
| <ul><li>a. [ ] Computer Readable Copy</li><li>b. [ ] Paper Copy (identical to compute</li><li>c. [ ] Statement Verifying identity of all</li></ul>                                                                                                    |                                                        |                                                                                  |         |
| ACCOMPANYING APPLICATION PAR                                                                                                                                                                                                                          | RTS                                                    |                                                                                  |         |
| 8. [ ] Assignment to <u>SANYO ELECTRIC CO</u> Please publish the assignee data v                                                                                                                                                                      |                                                        |                                                                                  |         |
| 9. [ ] 37 CFR 3.73(b) Statement (when the                                                                                                                                                                                                             | nere is an assigne                                     | e) [ ] Power of Attorney                                                         |         |

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| 10. [ ] English translation Documer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | nt (if applicable) |                          | •                 | A                   |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|-------------------|---------------------|--|--|--|
| 11. [XX] Information Disclosure State                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ement [1] Copy     | of IDS Citation (1 ref   | erence) w/PTO-14  | 449                 |  |  |  |
| 12. [ ] Preliminary Amendment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |                          |                   |                     |  |  |  |
| 13. [XX] Return Receipt Postcard (M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PEP 503)           |                          |                   |                     |  |  |  |
| 14. [ ] Small Entity Status is claimed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | d.                 |                          |                   |                     |  |  |  |
| 15. [XX] Claim for Convention Priori                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ity [4] Certifie   | d copies of Priority Doo | cuments are enclo | sed                 |  |  |  |
| <ul> <li>a. Priority of <u>Japanese</u> application no. <u>2002-334589</u> filed on <u>November 19, 2002</u> is claimed under 35 USC 119 and b. Priority of <u>Japanese</u> application no. <u>2002-334590</u> filed on <u>November 19, 2002</u> is claimed under 35 USC 119 and c. Priority of <u>Japanese</u> application no. <u>2002-334591</u> filed on <u>November 19, 2002</u> is claimed under 35 USC 119 and d. Priority of <u>Japanese</u> application no. <u>2002-334594</u> filed on <u>November 19, 2002</u> is claimed under 35 USC 119.</li> <li>16. [ ] Other</li></ul> |                    |                          |                   |                     |  |  |  |
| FEE TRANSMITTAL The filing fee is calculated below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Number Filed       | Number Extra             | Rate              | Basic Fee \$ 770.00 |  |  |  |
| Total Claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 21 - 20            | 1                        | x \$18.00         | \$ 18.00            |  |  |  |
| Independent Claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4 - 3              | 1                        | x \$86.00         | \$ 86.00            |  |  |  |
| Multiple Dependent Claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    | *                        | \$290.00          |                     |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                    |                          | Filing Fee        | \$ 874.00           |  |  |  |
| Reduction by 1/2 for small entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |                          |                   |                     |  |  |  |
| Fee for recording Assignment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                          | \$40.00           | \$ 40.00            |  |  |  |
| TOTAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                          |                   | \$ 914.00           |  |  |  |

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|                                                                                                                                                         | and Daisuke ETOU                                                                                                                                    |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                         | PAGE 3 OF 3                                                                                                                                         |  |
| the assignment recordation fee. A dupl                                                                                                                  | 0 in the total amount of to cover the filing fee and licate of this sheet is attached.  ge payment for any additional filing fees required under 37 |  |
| 18. CORRESPONDENCE ADDRESS: Armstrong, Kratz, Quintos, Hanson & Brooks, LLP Suite 1000, 1725 K Street, N.W. Washington, D. C. 20006 Tel: (202) 659-2930 | 23850 PATENT TRADEMARK OFFICE                                                                                                                       |  |

Typed or Printed Name

Donald W. Hanson

Reg. No. 27,133

Signature

Date: November 18, 2003

DWH:jaz